

Scout Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Date Completed, P. & A. or
 operations suspended
P-22-59
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed

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FILE NOTATIONS

Entered in NID File
 Entered On S R Sheet
 Location Map Pinned
 Card Indexed
 IWR for State or Fee Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 9- -59
 CW..... VW..... TA.....
 GV..... GS..... PA X

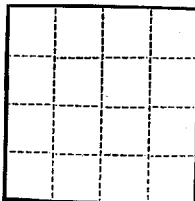
Location Indexed
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log 11-16-59
 Electric Logs (No.) 4

E..... E-I ✓ GR..... GR-N ✓ MGR ✓
 Sat..... M-L..... Sonic ✓ Others.....

Seab. Rep of well.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. **Utah 04336**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

GRAND GULCH

July 7, 1959

Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 15
SW/4 SE/4 Sec. 15 39S 16E SLPM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT San Juan Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~formation~~ surface above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill the above captioned well to a total depth of 3900 ft. to test the Mississippian formation to be found at approximately 3550 ft.

Will drill the well with rotary tools. Will run and cement 9-5/8" OD casing as surface pipe and circulate cement to surface. Will run and cement either 5-1/2" or 7" casing as oil string, if needed.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SINCLAIR OIL & GAS COMPANY

Address 601 DENVER CLUB BUILDING

DENVER 2, COLORADO

By B.W. Newport

Title Division Chief Clerk - Prod. Dept.

COMPANY Sinclair Oil & Gas Company

Well Name & No. Grand Gulch No. 1

Lease No. Utah 04336

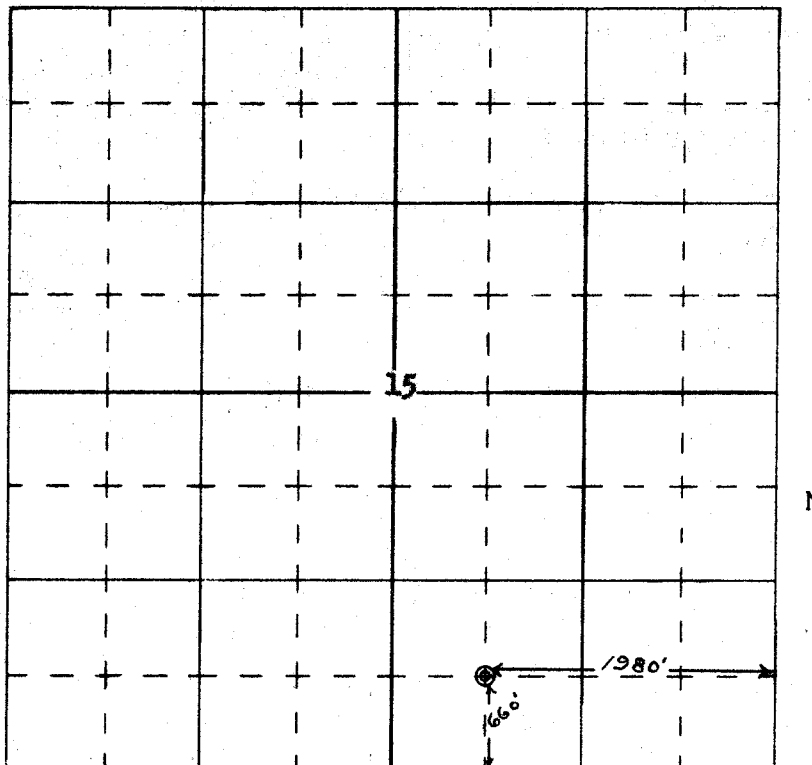
Location 660' from the South line and 1980' from the East line

Being in SW 1/4

S E

Sec. 15, T 39 N., R 16 W., ~~11th~~, Salt Lake Meridian, San Juan County, Utah.

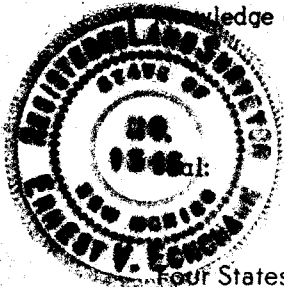
Ground Elevation 5485



Scale -- 4 inches equals 1 mile

Surveyed June 26, 19 59

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Four States Oil Field Surveys
Farmington, New Mexico

E. V. Echohawk

Ernest V. Echohawk

Registered Land Surveyor

N. M. Reg. #1545

Practicing in Utah under laws
regulating Professional Engrs.
and Land Surveyors, Utah Code 1953,
Title 58-10-16.

July 8, 1959

Sinclair Oil & Gas Company
601 Denver Club Building
Denver 2, Colorado

Attention: R. W. Newport,
Division Chief Clerk - Prod. Dept.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Grand Gulch 1, which is to be located 660 feet from the south line and 1980 feet from the east line of Section 15, Township 39 South, Range 16 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

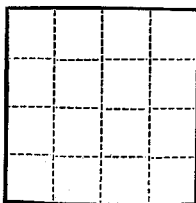
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:cp

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey
Federal Building
Salt Lake City, Utah



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-04336
Unit _____

711A
8-11

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
NOTICE OF SETTING CASING	IX		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

GRAND CULCH

July 29, 19 59

Well No. 1 is located 660 ft. from N line and 1980 ft. from E line of sec. 15

SW 1/4 SE 1/4 Sec 15

(1/4 Sec. and Sec. No.)

39-S

(Twp.)

16-E

(Range)

Salt Lake

(Meridian)

Willcox

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the surface ~~above~~ above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7-24-59 Spudded 2 PM 7-24-59

7-27-59 Cntd 9-5/8" casing at 302 with 250 sx, 8:15 AM, totd 800' for 30", totd OK

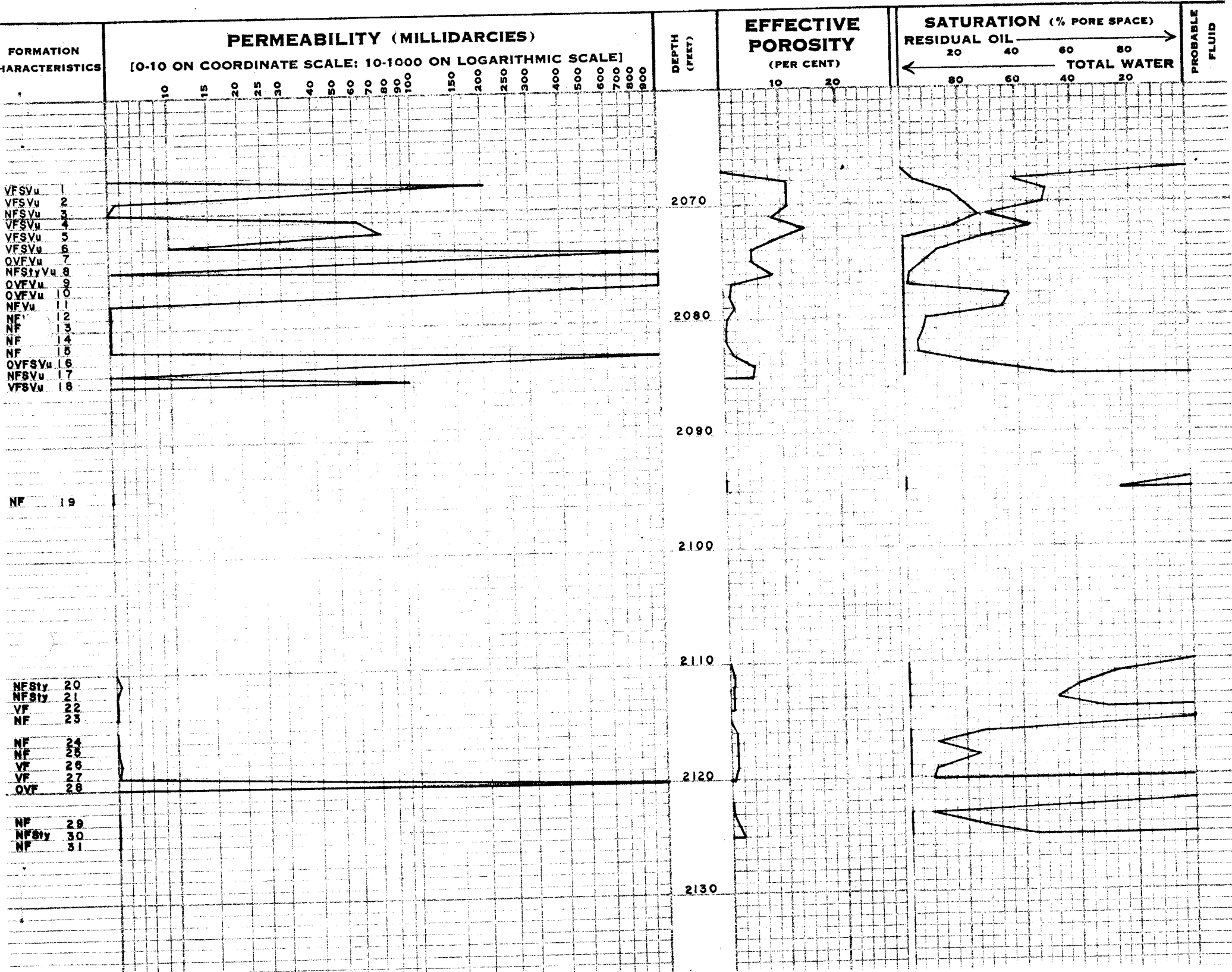
7-29-59 Drlg ahead at 425'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SINCLAIR OIL & GAS COMPANY
c/o G. L. Weger
Address 601 Denver Club Building
Denver 2, Colorado

By G. W. Newport
Division Chief Clerk
Title Production Department

SINCLAIR OIL & GAS COMPANY
SINCLAIR-TEXACO GRAND GULCH NO. 1
SEC. 15-39S-16E
DESERT CREEK
SAN JUAN COUNTY, UTAH



CHEMICAL & GEOLOGICAL LABORATORIES

Farmington

FULL DIAMETER CORESTUDY

Operator Sinclair Oil & Gas Co. Field Wildcat, San Juan Co., Formation Desert Creek

Well No. Sinclair-Texaco Grand Gulch No. 1 Location Sec. 15-39S-16E Utah Depths 2067' - 2125'

Elevation 5485 Gr. Date August 6, 1959 Lab. No. 0101

Sample No.	Representative of Feet	Footage	Permeability		Effective Porosity %	Density		Saturation % of Pore Space		Description
			K	K-90		Bulk	Matrix	Residual Oil	Water	
	Core No. 1	2066' - 2099'								
1	2076-68		207	0.40	11.4		2.63	5.0	61.1	VF,SVu
2	2068-69		1.69	0.73	11.4		2.64	17.3	49.6	VF,SVu
3	2069-70		0.14	0.12	11.1		2.64	22.4	50.0	NF,SVu
4	2070-71		63	44	8.7		2.66	27.2	70.3	VF,SVu
5	2071-72		75	12	14.1		2.64	18.2	54.0	VF,SVu
6	2072-73		10	7.90	9.5		2.67	Trace	70.7	VF,SVu
7	2073-74		5000/	2.36	4.4		SP	0	87.3	CVF,Vu
8	2074-75		0.65	0.44	4.7		2.71	0	91.6	NF,Sty,Vu
9	2075-76		5000/	0.02	8.2		SP	0	96.2	OVF,Vu
10	2076-77		5000/	0.03	1.5		SP	0	97.1	OVF,Vu
11	2077-78		0.05	0.04	1.0		2.68	0	63.0	NF,Vu
12	2078-79		0.19	0.17	1.9		2.71	0	65.8	NF,Vu
13	2079-80		0.02	0.01	0.6		2.70	0	91.0	NF
14	2080-81		0.03	0.01	0.4		2.71	0	92.5	NF
15	2081-82		0.03	0.02	0.3		2.70	0	94.4	NF
16	2082-83		5000/	0.01	1.3		SP	0	94.1	OVF,SVu
17	2083-84		0.20	0.17	5.2		2.65	0	74.4	NF,SVu
18	2084-85		97	0.09	4.7		2.73	0	47.6	VF,SVu
19	2094-97		0.02	0.01	0.6		2.71	0	25.0	NF
	Core No. 2	2110' - 2139'								
20	2110-11		0.83	0.30	0.4		2.70	0	27.8	NF,Sty
21	2111-12		0.03	0.02	0.3		2.70	Trace	40.6	NF,Sty
22	2112-13		0.03	0.02	0.5		2.71	Trace	47.8	VF

Sinclair Oil & Gas Company
San Juan County, Utah
Sinclair, Texaco Grand Gulch No. 1

Distribution for Final Report:

2 copies	Lion Oil Company 1310 Denver Club Building Denver, Colorado
1 copy	Lion Oil Company 1130 1st. Security Building Salt Lake City, Utah
1 copy	Texaco, Inc. 101 South Behrend Farmington, New Mexico
1 copy	Texaco, Inc. P. O. Box 3109 Midland, Texas
2 copies	Mr. A. M. Wiederkehr Southern Union Gas Company Burt Building Dallas, Texas
1 copy	Mr. Orin Haseltine Southern Union Gas Company P. O. Box 815 Farmington, New Mexico
1 copy	Mr. James R. Munoz 402 Continental Oil Building Denver, Colorado
1 copy	Mr. John Clark Sinclair Oil & Gas Company P. O. Box 312 Farmington, New Mexico
4 copies	Mr. G. L. Weger Sinclair Oil & Gas Company 601 Denver Club Building Denver 2, Colorado
3 copies Invoice	Mr. C. M. Garrett Sinclair Oil & Gas Company P. O. Box 4005 Albuquerque, New Mexico

Company


ST. CLAIR OIL & GAS COMPANY

Date

8-7-59

		Time	PSI						
Initial Hydro Mud Pressure			995	Ticket No. 193130					
1st	Initial Flow		8						
	Final Flow	2 Minutes	9	Lease GRAND GULCH					
Initial Closed In Pressure		30 Minutes	196	Well No. 1		Test No. 1			
2nd	Initial Flow		15	BT No. 786		Depth 2045			
	Final Flow	155 Minutes	79	24		Hr. Clock No.			
Final Closed In Pressure				Temperature Corrected to Calc. 100. F					
Final Hydro Mud Pressure			989						
		1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
		Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO				.000	9	.000	15		
P1				.0105	181	.500	79		
P2				.021	191				
P3				.0315	194				
P4				.042	198				
P5				.0525	196				
P6				.063	196				
P7				.0735	196				
P8				.084	196				
P9				.0945	196				
P10				.105	196				
		Minute Intervals	3	Minute Intervals		Minute Intervals		Minute Intervals	

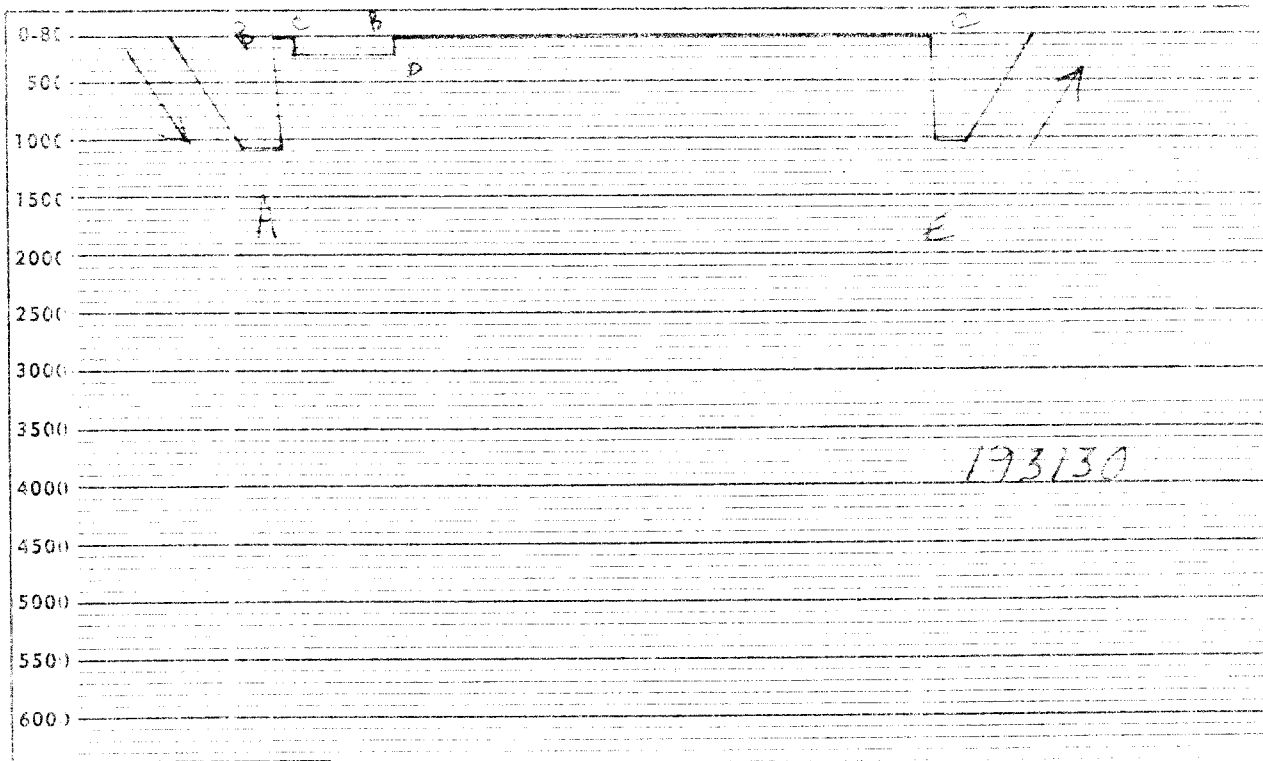
Remarks:

Initial Closed In Time 30 Minutes			Date 8-7-59		LOCATION SEC. 15-39S-16E FIELD WILDCAT COUNTY SAN JUAN STATE UTAH
Tool Open Flow Period 1st 2 / 2nd 155 Minutes			Ticket No. 193130		
Final Closed In Time - Minutes			HOWCO DISTRICT Farmington		
Depth Top Gauge 2045 Ft.			Kind of Job Open Hole		
BT. P.R.D. No 786		24 Hr. Clock		CONTRACTOR D and K Drilling Co.	
Pressure Readings Field		Office Corrected		HOLE & TOOL DATA	
Initial Hydro Mud Pressure 980		995		Elevation 5484'	Top Packer Depth 2061'
Initial Closed in Pres. 183		196		Total Depth 2099'	Bottom Packer Depth -
Initial Flow Pres. 15		8-15		Casing or Hole Size 8 3/4"	Size & Type Wall Packer 7 1/2" ESWP
Final Flow Pres. 60		9-79		Liner or Rathole Size -	Size Bottom Choke 3/4"
Final Closed in Pres. -		-		Casing Perforations Top Bottom	Size Surface Choke 1"
Final Hydro Mud Pressure 980		989		Interval Tested 2061-2099'	ID & Length Air Chamber -
Depth Center Gauge - Ft.		Blanked Off Yes		Formation Tested Desert Creek	ID & Length Drill Collars -
BT. P.R.D. No 3384		24 Hr. Clock		Est. Gauge Depth Temp. Calc. 100 F	Size Drill Pipe 4"
Pressure Readings Field		Office Corrected		MUD DATA Weight 9.2	Viscosity 80
Initial Hydro Mud Pressure				All depths measured from Rotary Table	No. Folders Reproduced 5
Initial Closed in Pres.				REMARKS: Opened tool for a 2 minute flow with	
Initial Flow Pres.				a weak blow. Rotated tool closed for a 30	
Final Flow Pres.				minute Initial Closed in Pressure. Reopened	
Final Closed in Pres.				tool with a weak blow throughout test. No	
Final Hydro Mud Pressure				gas or fluid to surface.	
Depth Bottom Gauge Ft.		Blanked Off			
BT. P.R.D. No		Hr. Clock			
Pressure Readings Field		Office Corrected			
Initial Hydro Mud Pressure					
Initial Closed in Pres.				Recovered 125 Feet of	Muddy sulphur water slightly oil cut
Initial Flow Pres.				Recovered Feet of	
Final Flow Pres.				Recovered Feet of	
Final Closed in Pres.				Recovered Feet of	
Final Hydro Mud Pressure				Witnessed By George Parker	
Amount-Type of Cushion -				Tester Mr. Boone	

193120

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PRESSURE
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← TIME →



- A---Initial Mud Weight
- B---Initial Flow
- C---Final Flow
- D---Closed In Pressure
- E---Final Mud Weight

	Time	PSI	
Initial Hydro Mud Pressure		1161	Ticket No. 191922
1st Initial Flow		-	
1st Final Flow	1 Minute	14	Lease GRAND GULCH
Initial Closed In Pressure	30 Minutes	240	Well No. 1 Test No. 2
2nd Initial Flow		17	BT No. 1140 Depth 2283'
2nd Final Flow	150 Minutes	46	12 Hr. Clock No. 1136
Final Closed In Pressure		-	Temperature Corrected to Calc. 100° F
Final Hydro Mud Pressure		1079	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO			.000	14	.000	17		
P1			.022	87	.209	29		
P2			.044	171	.418	35		
P3			.066	208	.627	37		
P4			.088	222	.836	43		
P5			.110	227	1.045	46		
P6			.132	230				
P7			.154	233				
P8			.176	235				
P9			.198	235				
P10			.220	240				
	Minute Intervals		3	Minute Intervals	30	Minute Intervals		Minute Intervals

Remarks:


Company SINCLAIR OIL AND GAS COMPANYDate 8-1-39

6

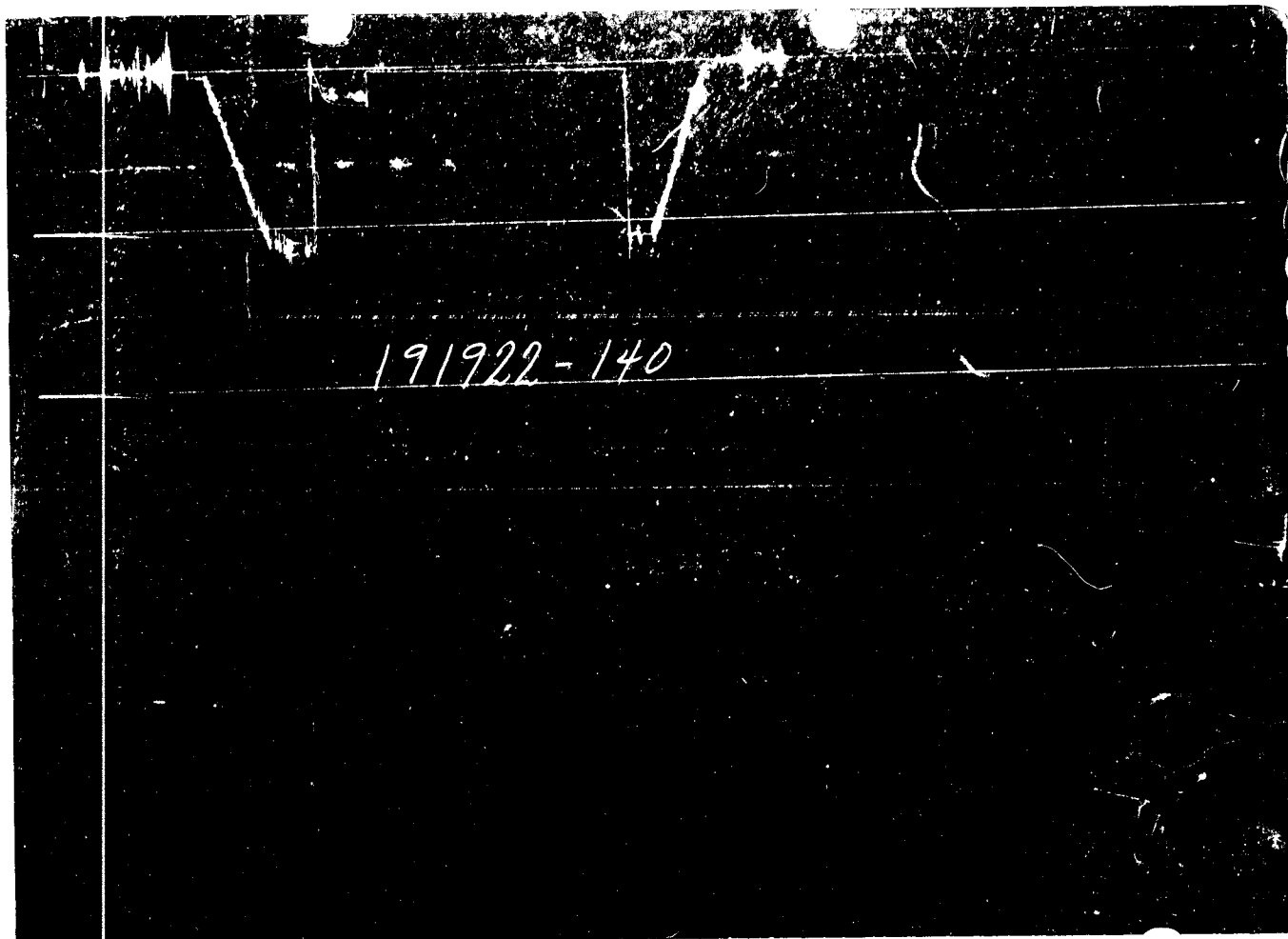
	Time	PSI	
Initial Hydro Mud Pressure		1196	Ticket No. <u>191922</u>
1st	Initial Flow	-	
	Final Flow	41	Lease <u>GRAND GULCH</u>
	1 Minute		Well No. <u>1</u> Test No. <u>2</u>
Initial Closed In Pressure	30 Minutes	272	BT No. <u>283</u> Depth <u>2328'</u>
2nd	Initial Flow	49	<u>24</u> Hr. Clock No. <u>1752</u>
	Final Flow	69	Temperature Corrected to <u>Calc. 100</u> ° F
Final Closed In Pressure		-	
Final Hydro Mud Pressure		1137	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO			.000	111	.000	49		
P1			.010	123	.106	53		
P2			.020	213	.212	59		
P3			.030	246	.318	64		
P4			.040	253	.424	67		
P5			.050	260	.530	69		
P6			.060	264				
P7			.070	267				
P8			.080	269				
P9			.090	271				
P10			.100	272				
	Minute Intervals		3	Minute Intervals	Minute Intervals		Minute Intervals	

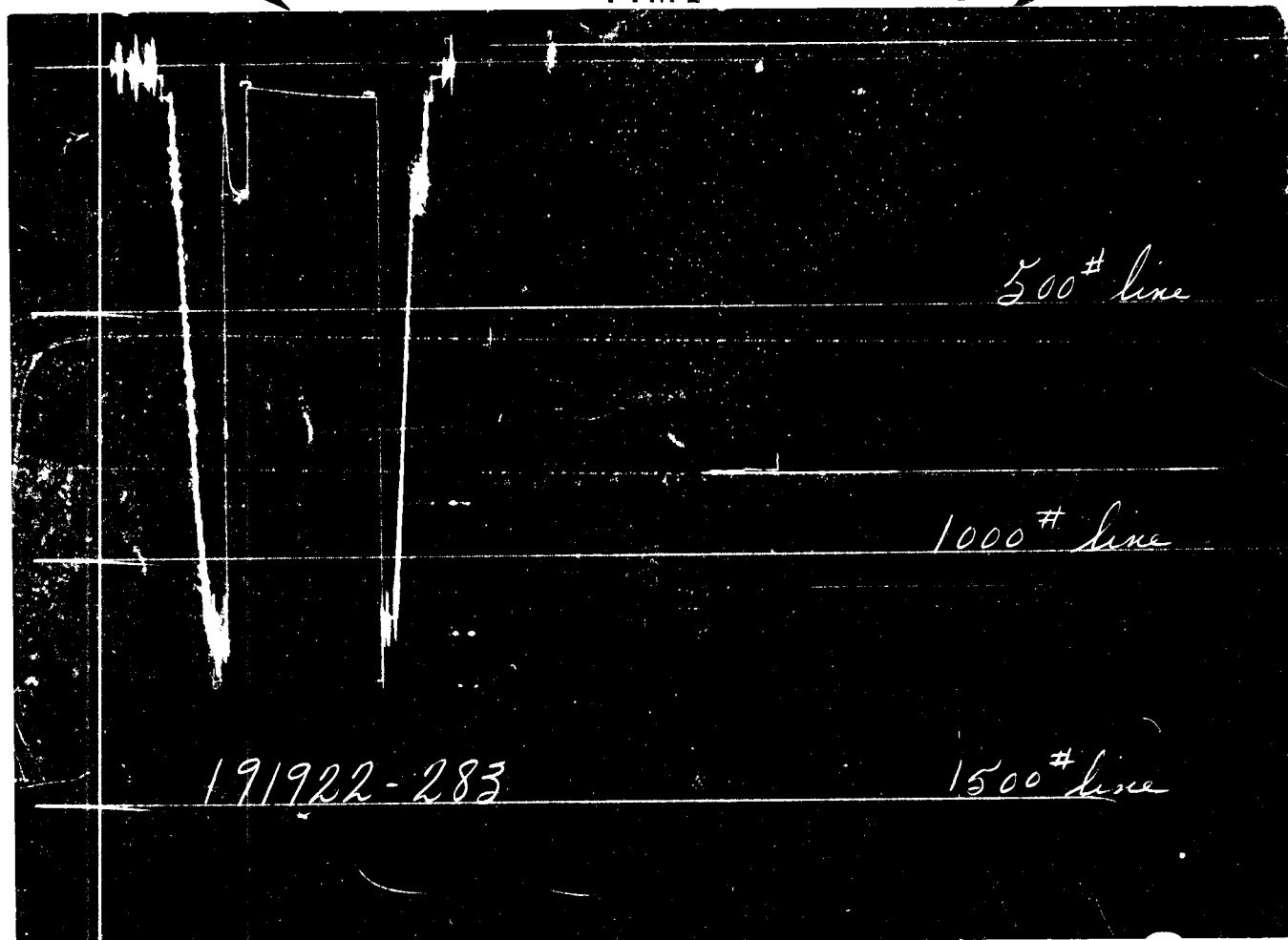
Remarks: All readings questionable due to split stylus.

Initial Closed In Time 30 Minutes				Date 8-10-59		LOCATION GRAND CREEK LEASE NAME WELL NO. 1 TEST NO. 2 SINCIAIR OIL & GAS COMPANY LEASE OWNER COUNTY SANDULIN STATE UTAH
Tool Open 1st 1 2nd 150 Minutes				Ticket No. 191922		
Final Closed In Time Minutes				HOWCO DISTRICT Cortez, Colorado		
Depth Top Gauge 2283 Ft. Blanked Off No				Kind of Job Open Hole		
BT. P.R.D. No 140 12 Hr. Clock			CONTRACTOR D.K. DRILLING COMPANY			
Pressure Readings Field Office Corrected			HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1150 1161			Elevation Unknown		Top Packer Depth 2298'	
Initial Closed in Pres. 235 240			Total Depth 2338'		Bottom Packer Depth	
Initial Flow Pres. 25 17			Casing or Hole Size 8 3/4"		Size & Type Wall Packer 7 3/4" ESA	
Final Flow Pres. 45 14-46			Liner or Rathole Size 8 3/8"		Size Bottom Choke 5/8"	
Final Closed in Pres.			Casing Perforations Top Bottom		Size Surface Choke 1"	
Final Hydro Mud Pressure 1120 1079			Interval Tested 2298-2338'		ID & Length Air Chamber -	
Depth Center Gauge Ft. Blanked Off			Formation Tested Garodax Lime		ID & Length Drill Collars 2 1/4" 90'	
BT. P.R.D. No Hr. Clock			Est. Gauge Depth Temp. Calc. 100 F°		Size Drill Pipe 4 1/2" EX	
Pressure Readings Field Office Corrected			MUD DATA Weight 9.1		Viscosity 43	
Initial Hydro Mud Pressure			All depths measured from Rotary Table		No. Folders Reproduced 5	
Initial Closed in Pres.			REMARKS: Tool opened for a 1 minute First			
Initial Flow Pres.			Flow. Rotated tool for a 30 minute Initial			
Final Flow Pres.			Closed in Pressure. Tool re-opened with a			
Final Closed in Pres.			weak blow. No Final Closed in Pressure by			
Final Hydro Mud Pressure			request of company man.			
Depth Bottom Gauge 2328 Ft. Blanked Off Yes						
BT. P.R.D. No 283 24 Hr. Clock						
Pressure Readings Field Office Corrected						
Initial Hydro Mud Pressure 1165 1196						
Initial Closed in Pres. 272 272			Recovered 360		Feet of Gas in drilling pipe	
Initial Flow Pres. 47 49			Recovered 90		Feet of Heavy oil-gas cut mud	
Final Flow Pres. 73 41-69			Recovered		Feet of	
Final Closed in Pres.			Recovered		Feet of	
Final Hydro Mud Pressure 1143 1137			Witnessed By George Parker			
Amount-Type of Cushion -			Tester D.N. Carminat - N.M. Trev			

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PRESSURE
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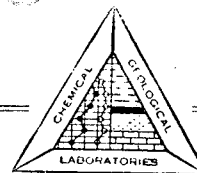


← TIME →



Each horizontal line equal to 1000 p.s.i.

CHEMICAL & GEOLOGICAL LABORATORIES



CHEMISTS CORE ANALYSTS ENGINEERS

P. O. BOX 279
CASPER, WYOMING

August 26, 1959

220 West Broadway
Farmington, New Mexico

Sinclair Oil & Gas Company
P. O. Box 4005
Albuquerque, New Mexico

Re: Core Analysis Report
Grand Gulch No. 1
San Juan County, Utah

Gentlemen:

Chem Lab Service "C", Full Diameter Corestudy, was used in the analysis of cores from the subject well.

On August 6, 1959, nineteen samples from Core No. 1 were brought to the laboratory in Farmington by the Christensen Diamond Products man servicing this well. Twelve additional samples from Core No. 2 were delivered in the same manner as above on August 8, 1959.

Preliminary results were made available upon completion of analysis of each core to Sinclair in Albuquerque and to Texaco in Farmington. Final analysis reports were sent as per the attached distribution list. The bulk of the core as well as the actual samples analyzed were placed in core boxes and shipped to the Sinclair Research Laboratory in Tulsa, Oklahoma.

Chem Lab extends its thanks for this opportunity to be of service.

Very truly yours,

CHEMICAL & GEOLOGICAL LABORATORIES

Donald M. Gutz
Donald M. Gutz
for the Management

DMG:bb

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-04336
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State U T A H County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUGUST, 19 59, Grand Gulch

Agent's address 601 Denver Club Building Company Sinclair Oil & Gas Company
Denver 2, Colorado Signed B. W. Newport

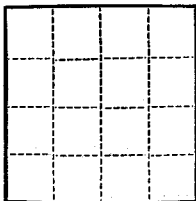
Phone Alberst 6-2461 Agent's title Division Chief Clerk
Production Department

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW/4 SE/4 Sec. 15	39S	16E	1	0						Swabbing for test.

NOTE.—There were NONE runs or sales of oil; NONE M cu. ft. of gas sold;

NONE runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-04336
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	<input checked="" type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

GRAND CULCH

SEPTEMBER 15, 1959

Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 15
SW/4 SE/4 Sec. 15 39-S 16-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the surface ~~ALAKA~~ above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Subject well has been drilled and tested as per supplementary well history attached. Propose to plug and abandon as follows:

Set bridge plug @ 1900 and shoot off & recover 4-1/2"OD casing at free point.
 Spot 52 sax cement plug across stub of 4-1/2"OD casing.
 Spot 38 sax cement plug across stub of 9-5/8"OD surface casing set @ 302.
 Cap hole with 5 sax cement and install 4"x4" regulation marker, after letting stand for two weeks.
 All intervening spaces between plugs will be filled with mud.
 Will clean up location as per regulations.
 This procedure as outlined above per agreement between our representative, Mr. J. J. Clark of Farmington, New Mexico and USGS representative.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SINCLAIROIL & GAS COMPANY
c/o Mr. G. L. Weger
 Address 601 Denver Club Bldg.
Denver 2, Colorado

By R. W. Newport
 Division Chief Clerk
 Title Production Department

U. S. LAND OFFICE

SERIAL NUMBER

~~U-04336~~

LEASE OR PERMIT TO PROSPECT

398

(15)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address 601 Denver Club Bld., Denver 2, Colo.

Lessor or Tract	Grand Gulch	Field	Wildcat	State	Utah
-----------------	-------------	-------	---------	-------	------

Well No. 1 Sec. 15 T. 39S R. 16E Meridian Salt Lake County San Juan

Location 660 ft. ~~N~~
~~SW~~ of S Line and 1980 ft. ~~XX~~
~~W.~~ of E Line of Section 15 Elevation 5485 G.L.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date October 29, 1959

Title Division Chief Clerk
Production Department

The summary on this page is for the condition of the well at above date.

Commenced drilling July 24, 19 59 Finished drilling August 22, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3124 to 3404 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	302	250	Howco		
4-1/2"	3404	490	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material _____ Size _____

FOLD | MARK

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from ----- 0 ----- feet to ----- 3404-10 ----- feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

-----, 19----- Put to producing ----- **Dry Hole** -----, 19-----

The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

----- W. B. Whitley -----, Driller ----- D-K Drilling Company, Inc. -----, Driller
----- W. J. Luno -----, Driller ----- C. C. Wooten -----, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION

NOV 16 1959

[OVER]

16-43094-4

GRAND GULCH WELL NO. 1, 15-39S-16E, SAN JUAN COUNTY, UTAH.

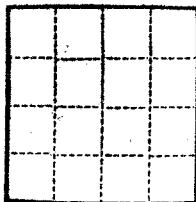
SUBSEQUENT WELL HISTORY

SUPPLEMENTARY WELL HISTORY.

- 8-24-59 - Completed drilling at 3404-TD. Cmt'd 4-1/2"OD J-55 9.5# 8R R2 casing @ 3404 ft., 170 sx 1st stage, 320 sx 2nd stage @ 2474 ft.
- 8-27-59 - CO to 3373-FB and tested 4-1/2"OD casing OK @ 500# f/30".
- 8-28-59 - Ran Gamma Ray Log & perforated 3289-3300 & 3322-32. Released rotary tools & prep to move in cable tools.
- 9- 2-59 - Moved in cable tools and swabbed 48-1/2 bbls load water & 67 bbls black stagnant water in 14 hrs.
- 9- 3-59 - Swb 57 BW 7 hrs, 1000 ft fluid in hole.
- 9- 4-59 - Set BP @ 3270 & perforated 3180-90 & 3234-44. Swabbed 154 bbls sulphur water 10-1/2 hrs, maximum buildup of 1200 ft fluid in hole.
- 9- 5-59 - Set BP @ 2365 & perforated 2292-2320 & swabbed dry.
- 9- 6-59 - Acidized perforations 2292-2320 with 1,000 gals reg acid, max press 3,000#, min 1,600#, inj rate 3 BPM. Swabbed 19 hrs, last 6 hrs 1/3 bbl acid water per hr with show oil.
- 9- 7-59 - Acidized perforations 2292-2320 with 7,500 gals reg acid, max press 1,500#, inj rate 4.2 BPM. Swb & flwd 84 bbls acid water 4 hrs & 37 bbls acid water & 12 bbls oil 15 hrs, gty of oil 31.5.
- 9-8-59 - Swabbed 24 bbls acid water and 7-3/4 bbls oil 23 hrs.
- 9- 9-59 - Swabbed 26 bbls acid water & 6-1/2 bbls oil 24 hrs. Shut down 2 hrs for fluid buildup; filled up 113 ft.
- 9-10-59 - Swabbed 6-3/4 bbls oil & 22 bbls acid water 24 hrs, fluid level 65 ft in hole. Last 6 hrs swabbed 11 gals oil & 37 gal wtr per hr.
- 9-11-59 - Swabbed 5-1/4 bbls oil & 23-1/2 bbls acid wtr 24 hrs. Gas weaker, showing some formation water.
- 9-12-59 - Set BP @ 2120 and perforated 2070-74, swabbed dry 4 hrs. Prior to setting BP, swabbed 2-1/4 bbls oil & 12-1/2 bbls sulphur water from perfs 2292-2320.
- 9-13-59 - Acidized perforations 2070-74 with 1,000 gals reg acid, max press 2,200#, PI @ 1,600#, on vac after 8", inj rate 3.7 BPM. Swabbed 57-1/2 bbls acid water & 127 bbls sulphur water 18 hrs.
- 9-14-59 - Swabbed 144 bbls sulphur water 19 hrs, shut down 5 hrs to check fluid level; 381 ft fluid in hole.
- 9-15-59 - Prepare to plug and abandon.

FORMATION DESCRIPTION - Grand Gulch - Well No. 1.

FROM Surf.	TO 778'	TOTAL FT. 778		DESCRIPTION
			Cedar Mesa ss	ss, wh, buff, yellow, f to crs gr, g cement to loose, clean, w/few red-brn siltstone strg at base.
778	1155'	377	Halgaito	Interbd. Red-brn siltstone & fg ss, & ls, wh, lt pink, chalky.
1155	1310'	155	Hermosa	Interbd. Vf calcarenite & calcilutite w/few thin red-brn siltstone strg.
1310	1370	60	"	Reddish brn siltstone & v sdy sh.
1370	1390	20	"	V f to f calcarenite
1390	1490	100	"	Interbd ls, aa & reddish brn silts.
1490	1560	70	"	Interbd ls, wh, lt gry, dnse to sdy w/much orange chert & some reddish brn silts & sdy sh.
1560	1760	200	"	Interbd ls, wh, lt gry, dnse & vf calcarenite w/few thin strg of reddish brn silts.
1760	1790	30	"	Reddish brn silts & sdy shale.
1790	1910	120	Hermosa "E" Zone	Interbd dnse, lt gry, cherty, ls & lt gry calcarenite w/few thin med gry arg strg.
1910	1935	25	Isamay Zone	ls, wh, sdy to dnse, v chert.
1935	1980	45	"	ls, brown, arg, dolomitic, much gry chert.
1980	2030	50	"	ls, lt gry, wh, dnse, v cherty.
2030	2050	20	Desert Creek Zone	Dk gry arg ls, & v limy dk gry sh.
2050	2080	30	"	ls, lt brown-gry, f vuggy, much oil stain.
2080	2110	30	"	ls, lt brown, gry, hd, tite, sm arg dk gry ls.
2110	2150	40	"	Calcarenite, f to crse, w/scattered vuggy porosity.
2150	2180	30	"	ls, wh, v sdy.
2180	2210	30	"	ls, med gry, brown, arg, dolomitic.
2211	2223	12	Akiah Zone	Shale, blk, silty.
2223	2268	45	"	Interbd dk gry, blk sh, & wh, v f g ss.
2268	2287	19	"	Anhyd, wh, xln.
2287	2315	28	"	Interbd dk gry sh & silts & v f g ss, dolomitic.
2315	2337	22	"	Dolomite, wh, succrosic, w/much pinpoint porosity, good oil stain & odor.
2337	2380	43	"	Interbd lt gry sh & gry-brn dolo.
2380	2406	26	"	Anhyd, wh, soft, xln.
2406	2634	228	Baker Creek	Interb dk gry shales, lt gry-brn dolo & ls, wh, lt gry, dnse to sdy, w/few thin anhyd strg.
2634	2700	66	Pinkerton Trail	ls & dolo, lt gry, brn, suc to v sdy.
2700	2750	50	"	Interbd dk gry sh & ls, wh, suc, foss.
2750	2902	152	"	Interbd dolo & ls, brn, gry, dnse to suc, cherty, w/strg of gry & colored sh.
2902	3124	222	Molas	Shales, orange, purple, green, gry, red, brn, w/thin strg of ls, wh, lt gry, xln to dnse.
3124	3180	56	Mississippian	ls, wh, dnse, to v f calcarenite, good cement.
3180	3190	10	"	ls, wh, soft, succrosic, much pp por.
3190	3290	100	"	ls, wh, chalky, sm dnse to f calcarenite w/few thin strg of vuggy dolo.
3290	3310	20	"	Dolo, wh, succrosic, clean, fri, w/much vf vuggy por.
3310	3320	10	"	ls, wh, chalky, to v f calcarenite, g cement.
3320	3340	20	"	Dolo, wh, lt brn, succrosic, v f vuggy.
3340	3390	50	"	ls, wh, chalky to v f to m calcarenite, good cement.
3390	3404	14	"	Dolo, lt gry, v f succrosic, v f vuggy.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-04336

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

GRAND GULCH

March 7, 1960

Well No. 1 is located 660 ft. from S line and 1980 ft. from E line of sec. 15

SW/4 SE/4 Sec, 15
(1/4 Sec. and Sec. No.)

39S
(Twp.)

16E
(Range)

Salt Lake
(Meridian)

Wilcoxon
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the Surface ~~at the well~~ above sea level is 5485 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pursuant to report dated 9-15-59, the subject well has been plugged and abandoned as follows:

Set bridge plug @ 1900' & shot off & recovered 4 1/2" OD casing at free point.

Spotted 52 sacks cement plug across stub of 4-1/2" OD casing.

Spotted 38 sacks cement plug across stub of 9-5/8" OD surface casing, set at 302'.

Capped hole with 5 sacks cement and installed 4"x4" regulation marker.

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By G. W. Newport
Division Chief Clerk
Title Production Department